Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 07 Apr 2022 until 23:59 on Friday 08 Apr 2022

Forecast Issued on Thursday 07 Apr 2022 at 04:12

Confidence: High confidence for unsettled weather. Moderate confidence in showers, low cloud and strong winds.

Headline for Thursday 07 Apr 2022: Heavy showers and strong winds gradually easing through today.

Mountain weather hazards on Thursday 07 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow showers	Heavy snow showers	Heavy snow showers	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
70%	70%	60%	40%	20%	20%

Forecast for Thursday 07 Apr 2022

Weather: Cloudy this morning with heavy showers, wintry above 600m, and widespread gales at first. The showers will become more isolated and lighter this afternoon, but also wintry above 500m. Scattered cloud this afternoon with sunny spells outside of showers. Becoming mostly dry with clear skies this evening, cold and frosty overnight.

Chance of cloud-free hill tops above 600m: 80%, deteriorating to 40% in showers.

Low cloud and visibility: Excellent visibility, with distant hills clearly visible, outside of showers. Poor visibility in wintry showers and cloud base lowering briefly to 500m.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Thursday 07 Apr 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	43/53 W	35/44 W	33/44 W	26/35 NW	21/28 W	20/27 W	18/24 W
300	35/47 W	26/36 W	25/37 W	21/32 NW	15/23 W	14/22 W	12/20 W
Valley	24/49 W	19/38 W	20/37 W	16/31 NW	10/22 NW	9/22 W	8/17 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-7	1/-7	2/-6	1/-6	1/-6	0/-6	-1/-7
300	4/-4	4/-3	4/-2	3/-2	3/-2	3/-2	2/-3
Valley	4/-2	4/-1	5/-0	4/-1	4/0	3/-0	2/-1
Freezing Level*	800m	700m	600m	500m	500m	500m	500m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Challenging conditions with very strong winds, and early gales, combined with wintry showers and severe wind chill over the summits.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 07 Apr 2022	9mm	9.4mm	11.8mm

Forecast for Friday 08 Apr 2022

Weather: Dry, largely clear and frosty overnight, perhaps an odd light wintry shower around at first, and also some patchy cloud around the summits. Then sunny for a while before cloud builds, bringing a few light wintry showers through the afternoon. Through the evening most showers die away, leaving patchy cloud and clear spells.

Maximum wind: Northwesterly 15mph gusting 30mph.

Chance of cloud-free hill tops above 600m: 70% increasing to >90%

Low cloud and visibility: Poor visibility with any low cloud around 500-600m covering summits around dawn, although confidence is low regarding this. Then excellent visibility for the remainder of the day.

Temperature: **Valleys:** Minus 1 Celsius increasing to Plus 11 Celsius
At 600m: Minus 2 Celsius increasing Plus 3 Celsius.
Freezing level: 500m temporarily increasing above the summits in the afternoon.

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